JUN 2 7 2006 Under the Paperwork Reduction Act of 1995. no TRANSMITTAL FORM (to be used for all correspondence after initial filing) Total Number of Pages in This Submission	Filing Date First Named Inventor Art Unit Examiner Name	Approved for use through 04/30/2003. OMB 0651-0031 and Trademark Office; U.S. DEPARTMENT OF COMMERCE to of information unless it displays a valid OMB control number. 10/578,162 May 4, 2006 Tonia Sue Agin
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s)	After Allowance communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information
Individual name Timothy J. Gumbleton, 54,14 Signature Date June 23, 2006 CERTIFIC	TATE OF TRANSMISSION/MAI	LING
sufficient postage as first class mail in an envelope add the date shown below. Typed or printed name Jennifer S. Naylor Signature	ressed to: Commissioner for Patents, P	O. Box 1450, Alexandria, VA 22313-1450 on Date June 23, 2006

Date | June 23, 2006 This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. JUN 2 7 2006

PTO/SB/08a (06-03)
Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Action easier required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

US-US-US-US-US-US-US-US-

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

EMENT BY APPLICANT

	Complete if Known				
	Application Number	10/578,162			
	Filing Date	May 4, 2006			
	First Named Inventor	Tonia Sue Agin			
	Art Unit				
	Examiner Name				
2	Attorney Docket Number	PC25353A			

U. S. PATENT DOCUMENTS Examiner Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Initials* Figures Appear Number-Kind Code^{2 (if known)} US- 6,491,910 12-10-2002 Carita Elisabath Schneit US- 6,440,408 John A. Thoma 08-27-2002 US- 5,977,081 11-02-1999 Dante J. Marciani US- 4,681,063 07-21-1987 John H. Hebrank US- 4,040,388 08-09-1977 Gary E. Miller US- 4,469,047 09-04-1984 Gary E. Miller US- 4,593,646 06-10-1986 Gary E. Miller US-

FOREIGN PATENT DOCUMENTS							
Examiner Initials* Cite Foreign Patent Document No.1 Country Code ³ Number ⁴ Kind Code ³ (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
			***************************************		***************************************		

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patient Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patient documents, the indication of the year of the reign of the Emperor must precede the serial number of the patient document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO					Complete if Known			
				Γ	Application Number	10/578,162		
INFORMATION DISCLOSURE					Filing Date	May 4, 2006		
STATEMENT BY APPLICANT				ſ	First Named Inventor	Tonia Sue Agin		
				Ī	Art Unit			
	(Use as many sheets as	necessary)	r	Examiner Name			
Sheet	2	of	2	2	Attorney Docket Number	PC25353A		

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²				
		GUERRY, PATRICIA, et al., "Development and Characterization of Reca Mutants of					
		Campylobacter Jejuni for Inclusion in Attenuated Vaccines," Infection and Immunity,					
		American Society for Microbilogy, Feb. 1994, p. 426-432.					
:		NOOR, S.M., et al., "In ovo oral vaccination wipth Campylobacter jejuni establishes early					
		development of intestinal immunity in chickens," British Poultry Science, 1995, 36(4): 563-573.					
		RICE, Brandt E., et al., "Campylobacter jejuni in broiler chickens: colonization and humoral immunity following oral vaccination and experimental infection", Vaccine 15(17-18), 1997, pages 1922-1932.					
	1	ZIPRIN, Richard L., et al, "Inoculation of Chicks with Viable Non-Colonizing Strains of					
		Campylobacter jejuni: Evaluation of Protection Against a Colonizing Strain," Current Microbiology 44(3), 2002, pp. 221-223.					
***************************************	1	ZIPRIN, Richard L., et al., "Effect of mutations in Campylobacter jejuni genes on cecal					
		colonization, and liver invasion, when given in ovo or on day-of hatch," - Abstract, Poultry					
		Science, Vol. 78, Suppl. 1, 1999, p. 39.					
	†						
	.						

	<u> </u>	1					

	l <u>.</u> .	
Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.